Missouri Botanical Garden

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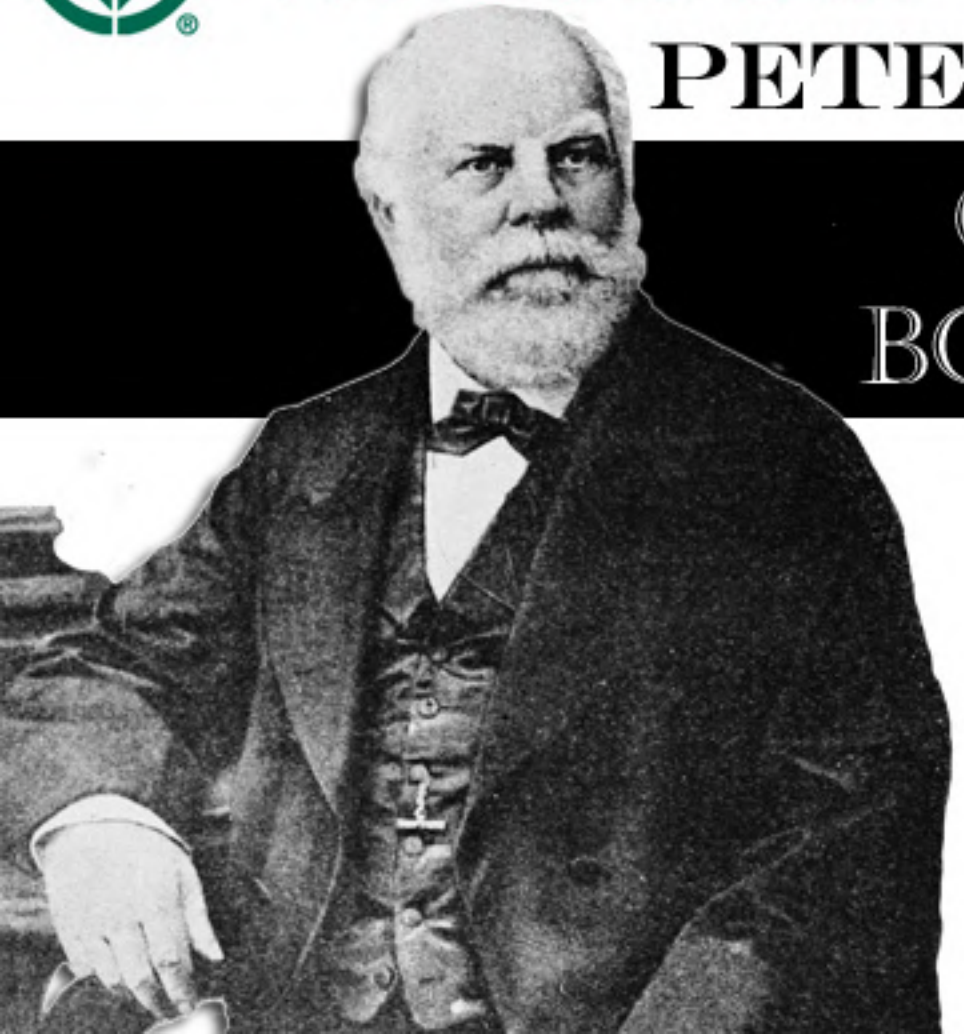

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Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

2 stout slightly hooked spines
at base of each branch — 2
sometimes a third weaker straight
one between and above them

~~ovary~~ leafy — ~~fruit~~ ~~or~~ as that
~~Opuntia~~ or barely with spines

Pers. aculeata, Cuba Cuchr. Wright 2626

1

Pereskia aculeata Cuba

Ch. Wright Cuba 5' 1863 coutes: leaves lanceolate
acuminate, somewhat succulent 1–1½ inches long
flower white
fruit green, yellow, size of a marble
with 8–12 linear lanceolate reflexed
sepals, scattered over it.

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3095

LEITCH & CORLIES,

DRUGGISTS,

South-west Corner Fifth and Market streets.

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& Corlies
DRUGGISTS
Fifth and Market Streets

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June 13 1864

Pereskia aculeata ?

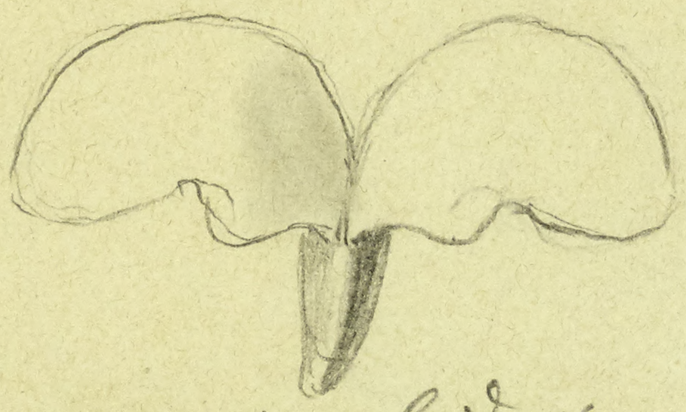
Cuba Sloane 1863

" Fl. White "

Is it not the right kol Sloane ?

X4

embryo



Cotyledons laid open
Radicles Keiled

seed

embryo with albumen after removal of testa

embryo the same as figured by Weddell (from Rio)

hilum

lateral view of seed

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ALEX. LEITCH,
APOTHECARY & CHEMIST,
Cor. 4th and Olive Sts., St. Louis.

ALL THE NEW REMEDIES CONSTANTLY ON HAND

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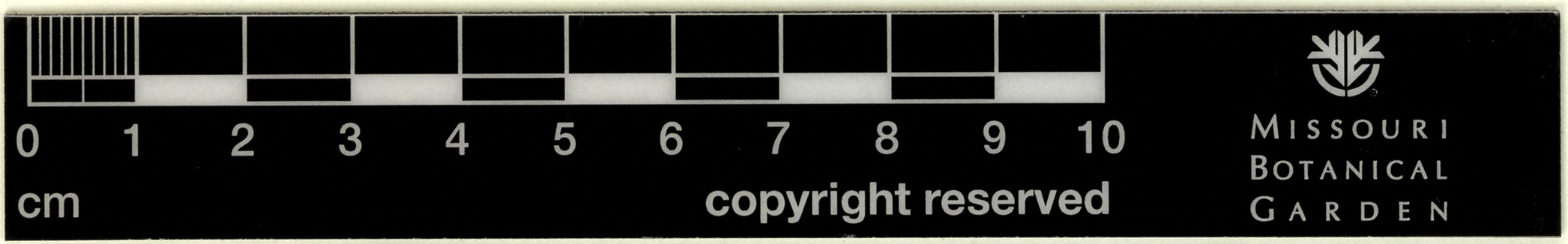
Persoonia "baumartige Cactus mit rosenrothen Blüthen" Prince Neuwied.

Campo Novo, Prov. Espirito Santo Brasil.

Bark leaves 10×5 cent, attenuate into a short petiole, capitate — flowers densely panicled

Leafy cauline foliaceous or in other pl. of same panicles smaller scaly, no spines on ovary — nor any on whole specimen. A Alex?

H6. Martius, Münch Aug 1869



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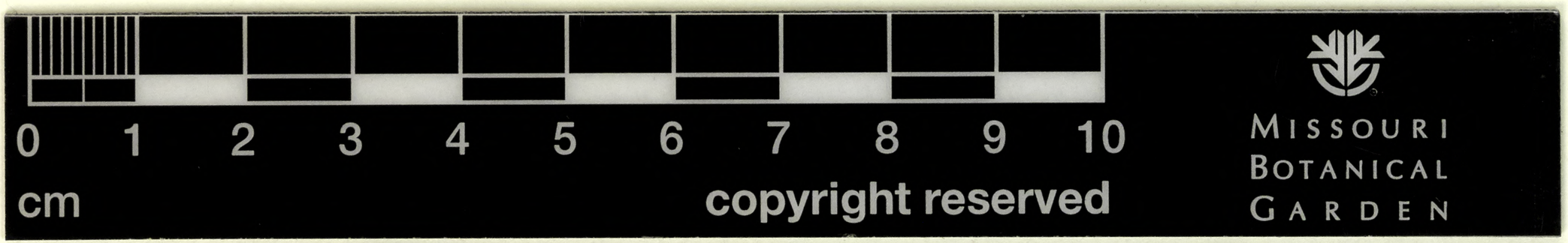
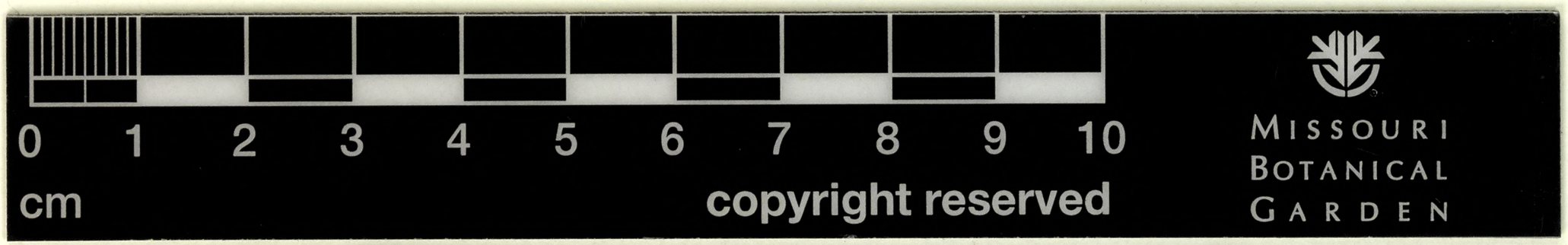


aculeata

Kew Sept 7th 1869

"Pereskia Blea" climbing under the roof of the succulent house, very long. Trunk 6 inches not more than 2–3 inches diameter, areolæ here very large 10–14 m diameter with 10–18 pale horn coloured spines – 1/2 to 3/4 inch long. Young leafboards branchlets without any spines – in one or two instances I find a couple of short hooked spines in axil – much like P. aculeata – might the plant be a broad leaved aculeata? new spines constantly growing in the centre or near the upper end of the old areolæ



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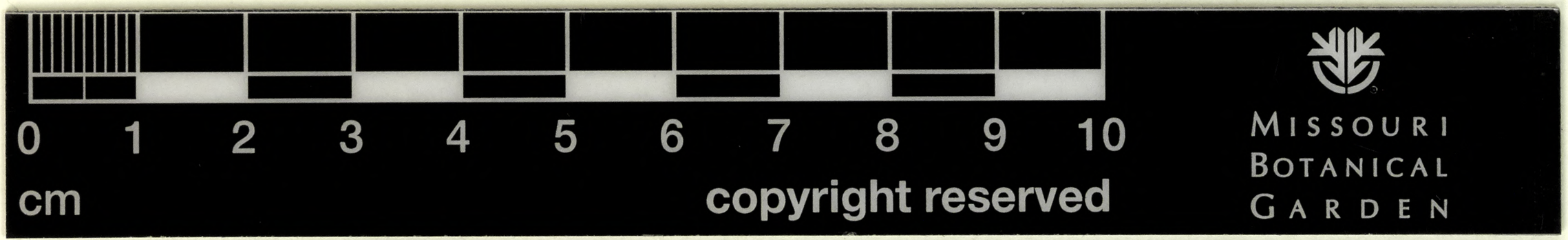
Peirsonie Hort Bot Revel Jun 1869

P. Blei apparently quite the same as the one
I have seen as P. grandifolei
old avocolus off with 1–3 leaves and 1 pod.



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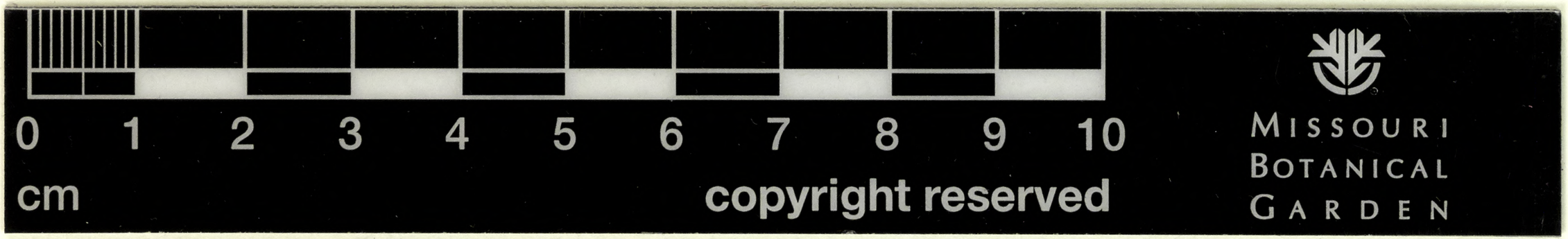

Hb. Mus Palat. Waddon 1869 July

"Porschia Blanc," 2 only v. specimens, both with very thick woolly areolae and 3–5–7 stout blackish spines in one specimen (flowery) the areolae are 3/4 inches apart, in the other close together, sometimes 4–5 within 1/2 inch

Porschia Brunlii, Schott 5816 leaves broadly oval no spines or only one seen on an older branch, with very thick base.

ovary leafy, leaves deciduous, with woolly axils, about 12 or 13 of them — unarmed or with a few stout light brown spines. ± Lower axils flowers paniculate; often proliferous from lowest axils of ovary

3100

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In the Garden I find also Rafinesquii Alex & R. grandifolia —
not distinct, and partly with very short internodes and
very crowded and numerous spines.

H. Bot Vicksburg 1869 July

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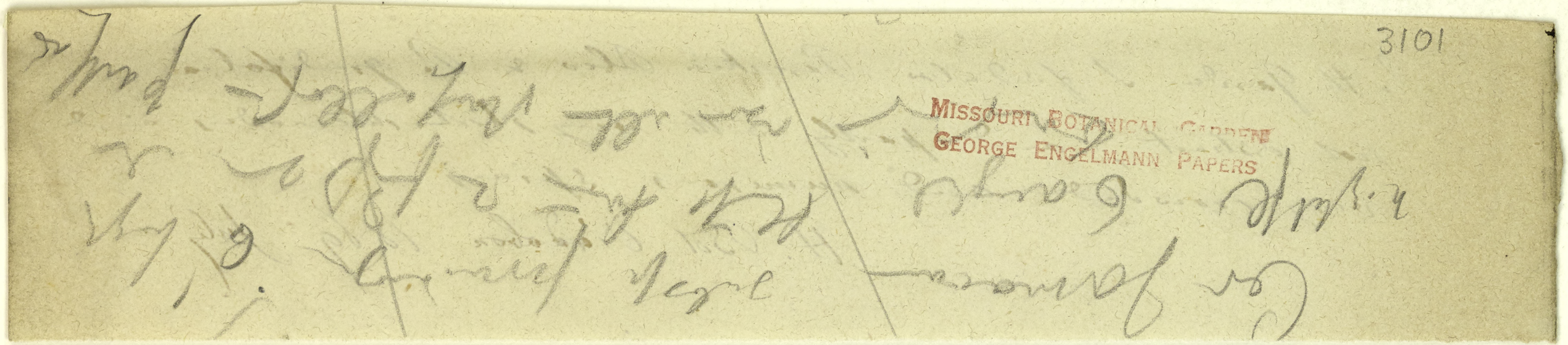
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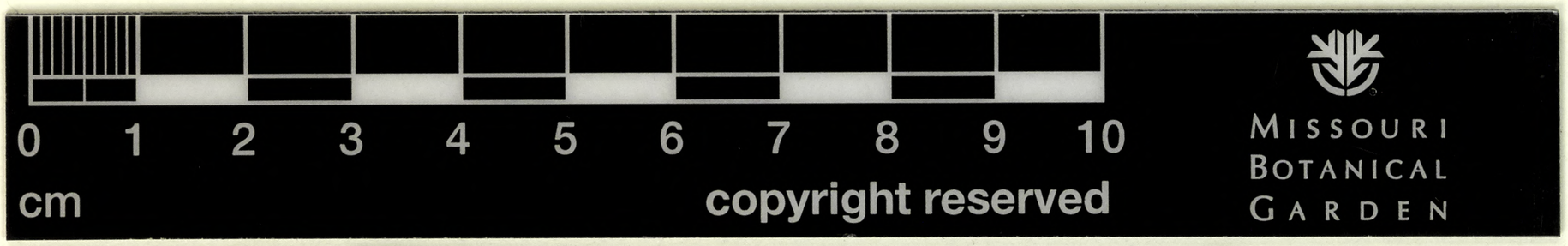
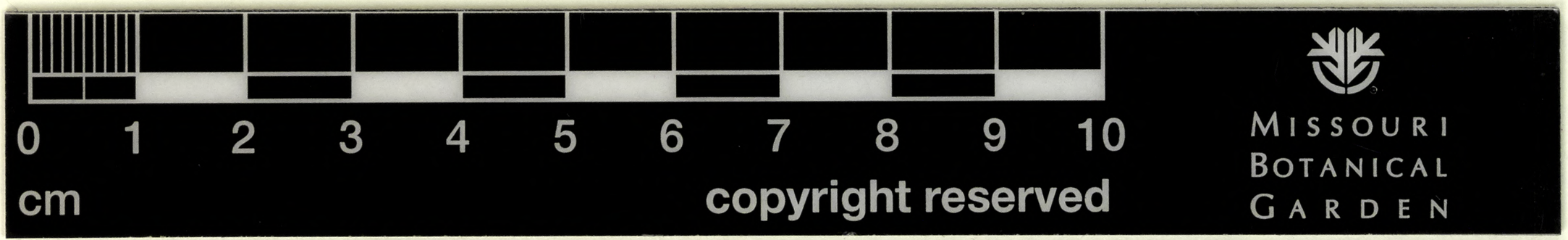


P. Blei (probably), from Ais, Guadeloupe,
Hb. reg Berolin Leaves 4–5 inches long, petioled – calyx foliaceous
Jun 1869 spines 1 or 2 supra axillary, short, straight (or none)



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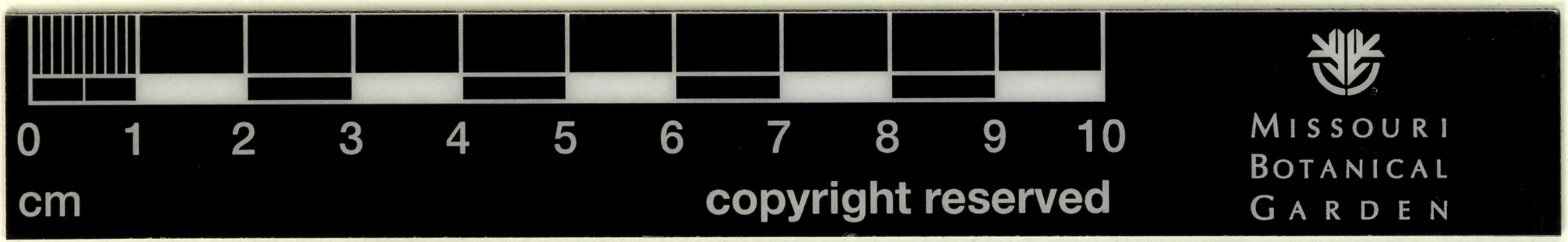

"Cactus (Pereskia) Bleo" HBK. nov gn 6 p. 69 Synops 3 p 372

Pereskia grandifolia Haw Suppl. p. 85

The only ? species with secondary leaves in axils of primary ones: foliis persistentibus

in Mr Koch's Garden, Johannis str

Koeln, opp. the Schlachthaus, Bonn up town.

Aug 27 1857

A straggly shrub, 10 feet high, with long, flaccid stems and branches.

The young leaves, like Opuntia leaves articulated and very deciduous, at base of petiole, with a spur

in the axill with a tomentum, and only on very vigorous shoots, with a single spine in this axillary tomentum. —

The leaves are deciduous but the axillary areole continues to grow — and in a few years it becomes covered with spiny, black or deep brown 1/4 — 1/2 inches long, stout terete very unequal, usually more or less deflexed.

In the second year these areolae again bear a crop of leaves — but these leaves are not below the areolae like the primary leaves, but in or on

them or rather towards their upper end and is almost every instance above the spines. Rarely one or the other spine is found above the leaves.

These secondary leaves are single or 2 or 3 together, and in rare cases they ~~excurate into~~ emit a short branch from their axil

They are in short the leaves of a stunted branch.

The branches themselves have the same position as these leaves, on the upper end of the areole, surrounded by wool on all sides.

These leaves are therefore not as Forbes supposed a further development of the spinigerous bud, but they are an axillary production of the primary leaf above this spiny fascicle. —

Only once I have seen the secondary leaf on a branch of the same year growth, therefore actually in the axill of the still persistent primary leaf. —

On P. Bleo I have seen these secondary leaves only once, and never in the

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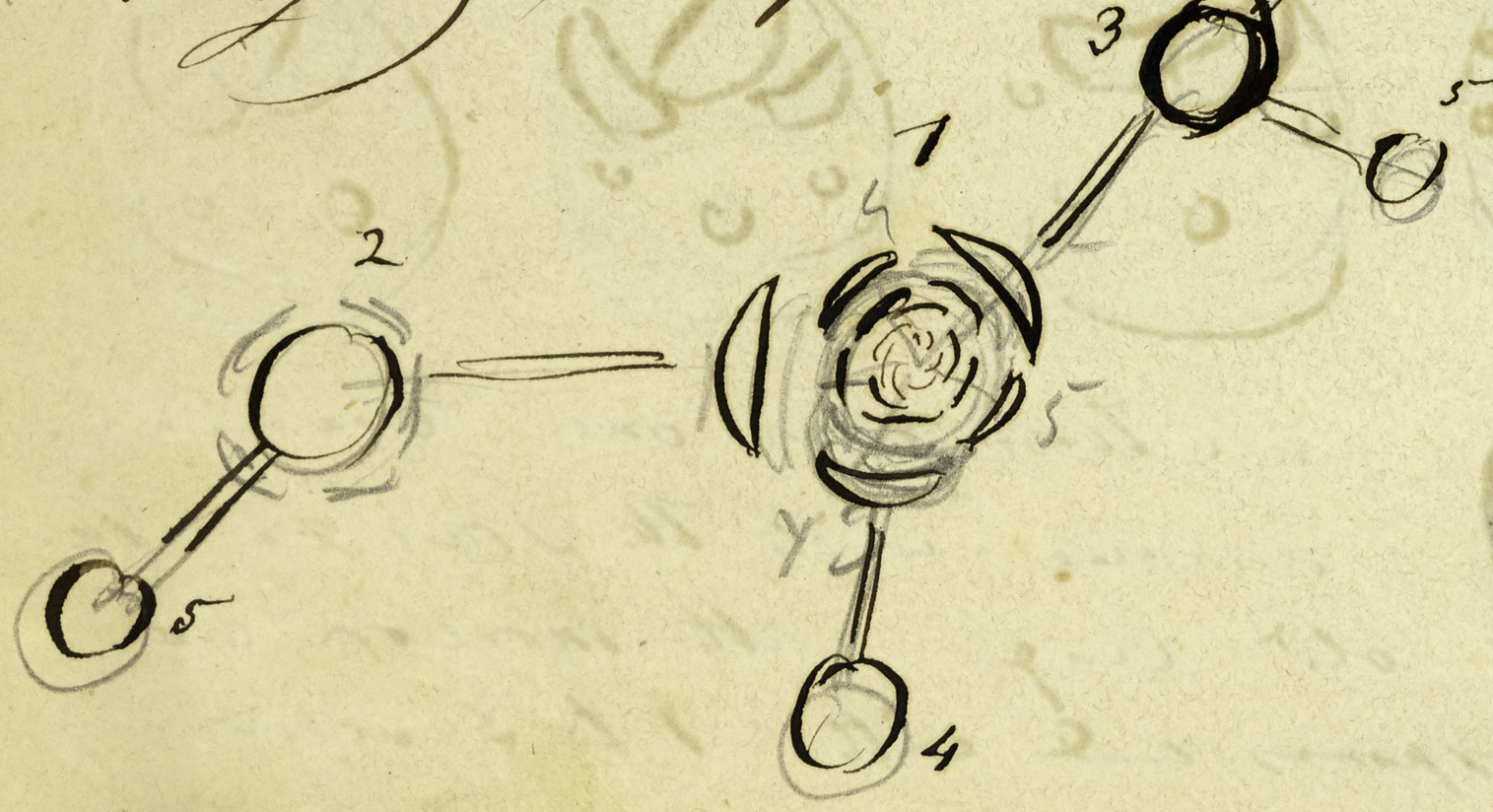
other Peireskiae.

The spines above the secondary leaves may be considered as axillary to the secondary leaves but this seems forced and it is probable that they actually belong to the areola of the primary leaf and that therefore the axillary production is not entirely above this areolae and their spines, but only at its upper end.—

The flowers are born at the end of the young branches and form a cyma, the radii of which are principally produced from the axills of the lower sepals (of the ovary) which however does not render this ovary sterile as seems to be the case where this same takes place (as an anomaly only) in Opuntiae—



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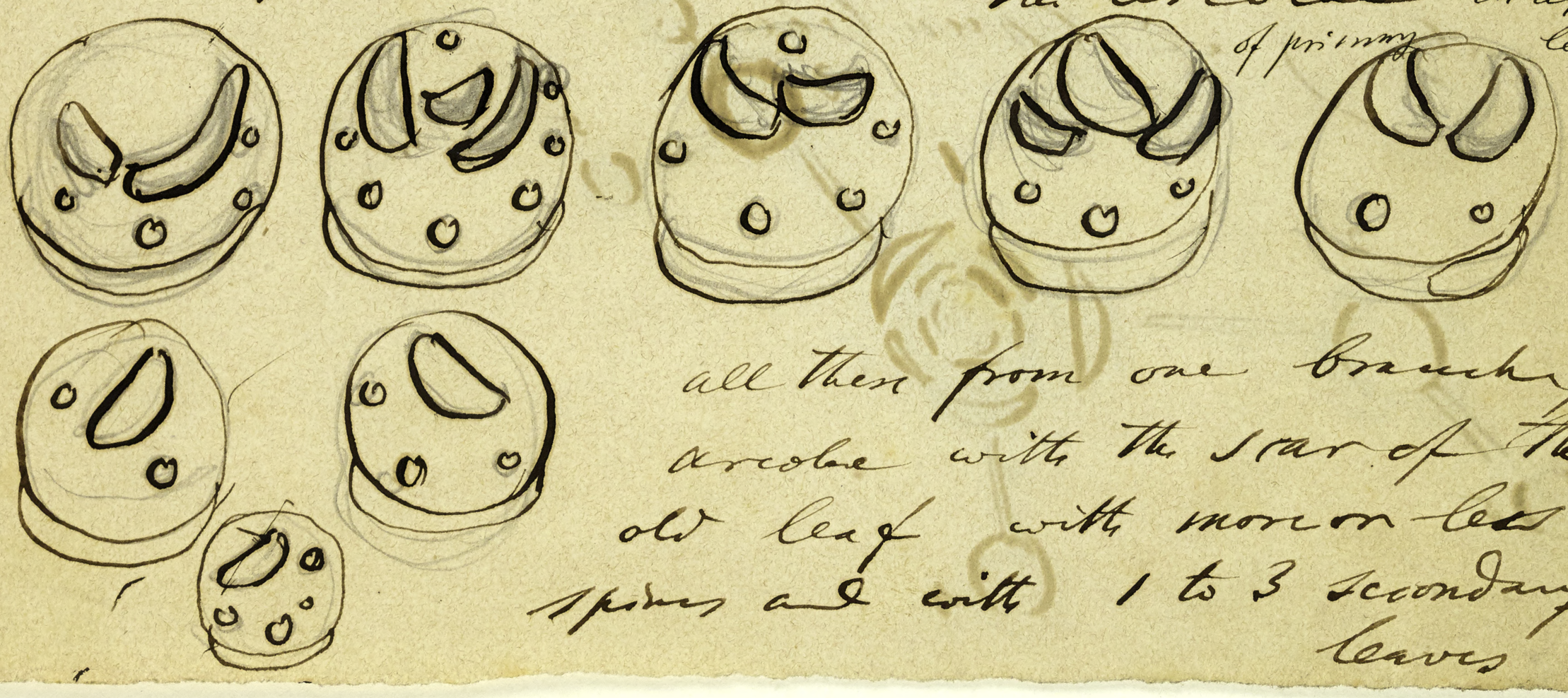
Ovarian sepals 5, scaly or the lowermost
with larger laminæ, all with wool but no
spines in the axills.

On the margin of the ovary are 5 broad
triangular green sepaloid scales,
without axillary wool, or with a regular
articulate lamina and adpressed to
the flower, while the former are laxly
spreading some 3 half petaloid sepals, green
and rosered, large.

The 8 petals are then interior to these
spathulate, rosered or purple; numerous
stamina and a filiform, toreti style
with 6 or 7 subpetalous stigmata of
a pale yellowish colour.

~~Fruit~~

1–3 secondary leaves on the areolae in axil of primary leaf



all then from one branch;
areolae with the scar of the
old leaf with more or less
spines and with 1 to 3 secondary
leaves

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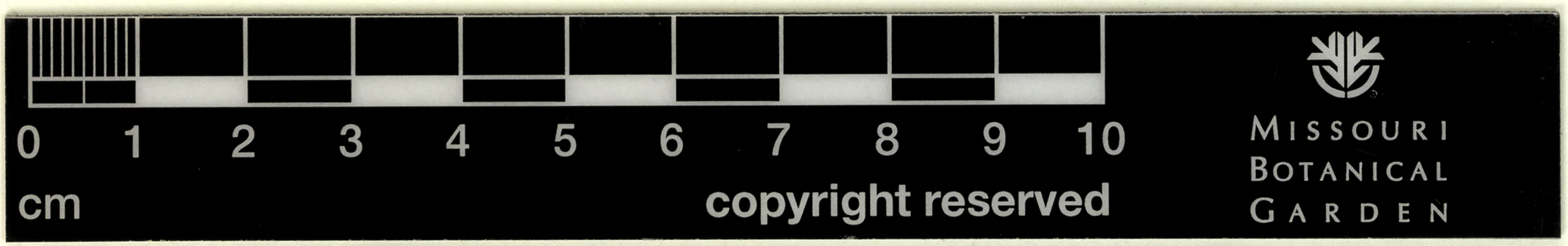
Hort Kew Sept 7 1869

"Pereskia grandifolia" more erect, than "Bleo", with
stout straight, dark green shoots 3 cent d'am - branches also
trained along the roof - straight blackish spines here and there
in the axils of leaves, on young branches, taller single
not always present - spines numerous, stellate, on old
areolae 15-20 ÷ num 3-5 cent long, dark colour,
new ones red brown from centre of areolae -



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June 20	65.92	83.96	74.94	52.0	'62	98.0	'61	75.0	
21	65.57	83.52	74.54	~~54.0~~ 49.0	'63	97.0	'53	75.3	
22	65.64	85.82	75.73	50.0	'68	99.0	'71	75.6	
23	67.06	84.58	75.82	53.0	'68	101.5	'71	76.0	
24	66.91	85.11	76.01	55.5	'53	97.5	'70	76.5	
	66.22	84.60	75.41	54.9		~~98.6~~ 98.6		75.7	
25	68.13	86.54	77.33	56.0	'52	98.0	'60 '82	77.0	
26	68.73	87.88	78.30	~~56.0~~ 55.0	'65	98.5	'70	77.5	
27	70.26	87.21	78.73	59.0	'36	97.0	'54	78.0	
28	69.36	87.48	78.42	55.5	'66	100.0	'70	78.0	
29	69.26	86.08	77.67	51.0	'66	101.5	'70	78.0	
	69.15	87.04	78.09	55.3		99.0		77.7	
30	69.23	86.95	78.09	56.0	"71	101.5	'70	78.0	
July 1	68.39	85.91	77.15	54.0	'51	98.0	'54	78.0	
2	68.06	85.60	76.83	54.0	'61	98.5	'58	78.0	
3	68.42	87.10	77.76	56.0	'57	99.5	'56	78.1	
4	68.71	87.89	78.30	53.0	'59	100.5	'68	78.2	
	62.56	86.69	77.62	54.6		99.6		78.1	
5	69.24	87.39	78.32	56.5	'82	98.5	'70	78.3	
6	70.11	88.05	79.08	54.0	'42	97.0	'68	78.6	
7	70.20	87.84	79.02	58.0	'42	98.0	'74	79.0	
8	70.55	87.97	79.26	58.0	'70	97.0	'54 '79	79.0	
9	71.05	89.15	80.10	57.0	'42	99.0	'58	79.2	
	70.23	88.08	79.15	56.7		97.9		78.8	
10	71.46	87.84	79.65	61.0	'36	101.5	'81	79.2	
11	70.35	86 99	78.67	58.0	'54 '73	100.0	'41	79.4	
12	70.64	87.50	79.07	~~59.5~~ 58.0	'63	100.0	'41	79.4	
13	69.99	88.61	79.30	57.0	'61	100.5	'62	79.6	
14	70.69	88.66	79.67	56.5	'82	100.5	'68	79 6	
	70.62	87.92	~~79.27~~	~~56.4~~ 58.1		100.5		79.4	

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Peresk[illegible] portulacifolia Haw
(Cactus port. Lin.)

Det 4.475. foliis obovato-cuneatis
aculeis sub folio (!) solitariis, demum in
caule fasciculatis

arbor mali magnitudine

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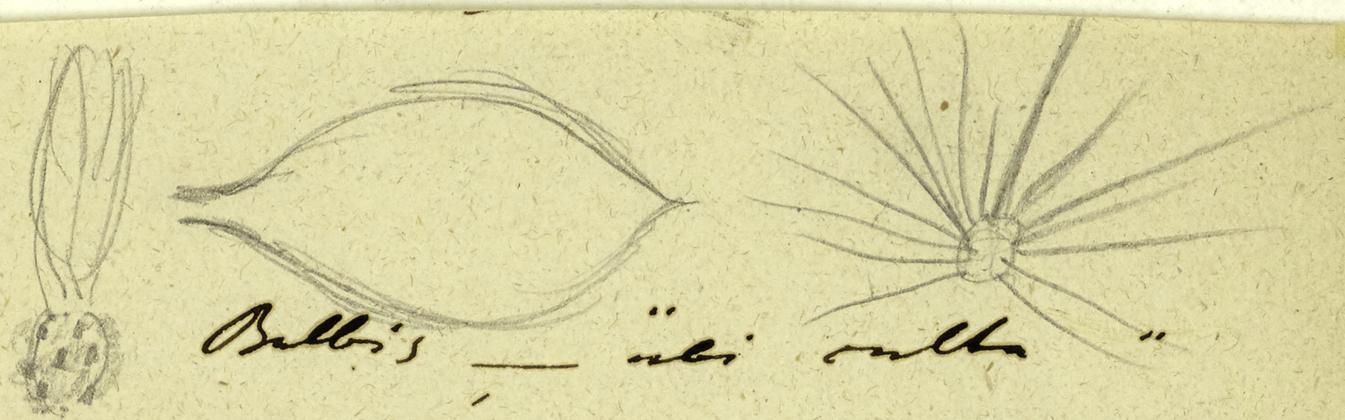
Herb reg Berolin ~~Jun~~ Jun 1869

P. portulacæfolia



Jamaica, Bulbs — "like onion"

15–16 ash coloured spikes, small obovate, cuspidate leaves; ~~stem~~ ovary beset with numerous dark green (scales) small and in their axils abundant wool.

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GEORGE ENGELMANN HERBARIUM

Perrottetia portulacaefolia seen only native
near Guantanamo in the eastern part
of Cuba.

Ch. Wright Febr 5 1865

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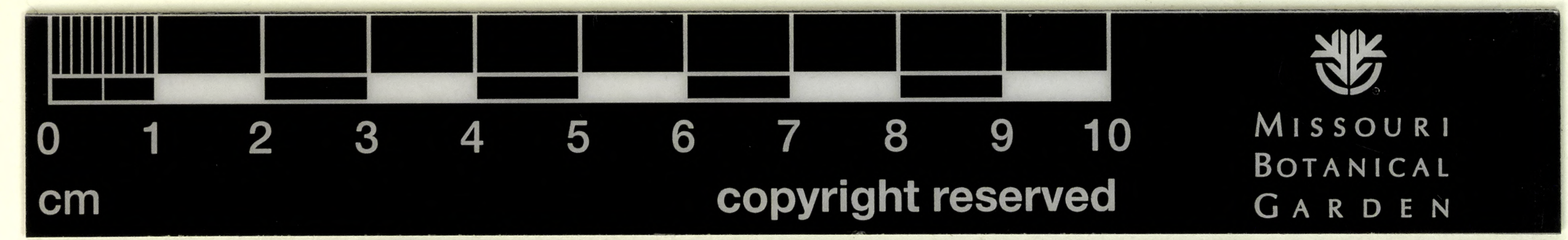
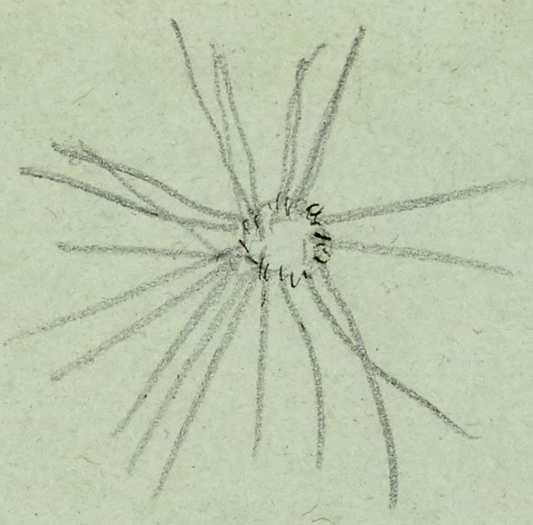


Ex herb. De Candolle

1869?

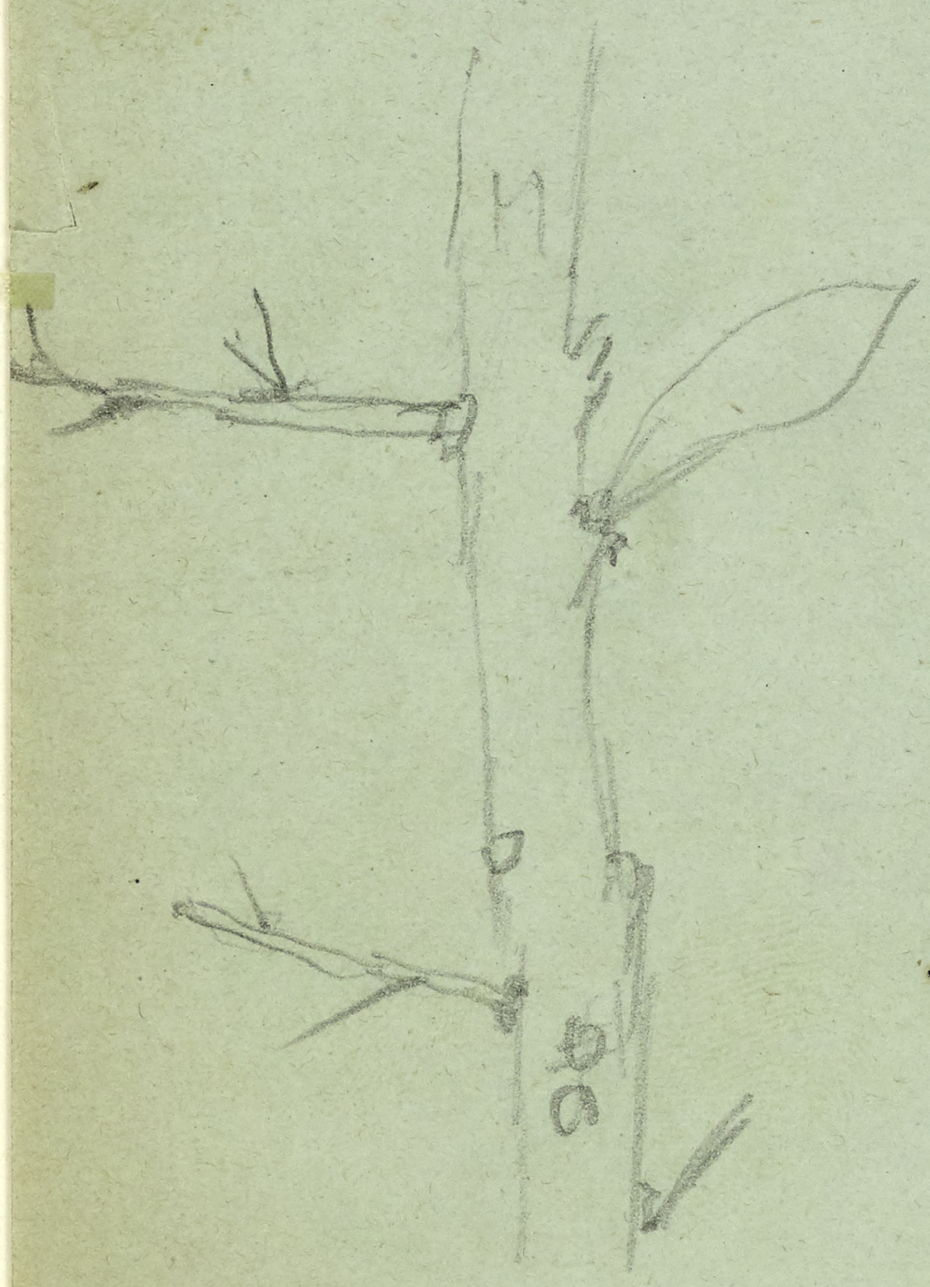


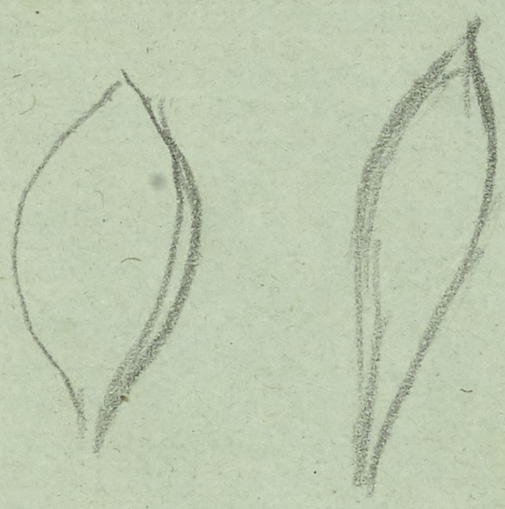
numerous crown spines

This is the whole specimen

Cactus portulacifolius Lin

Bertero, Jamaica





Spines few black.

Cactus portulacifolius ♂

La Havane

Mr Ferrero

This species is distinguished by having only 1–3 spines on the ovary

is This a small-leaved Pereskia?

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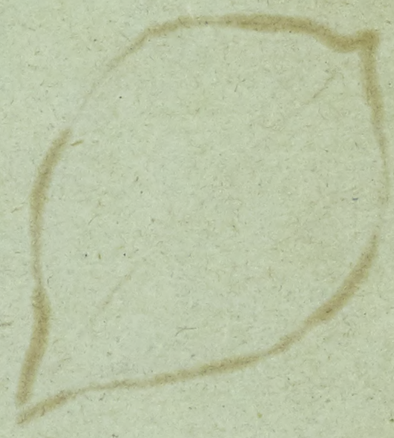

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